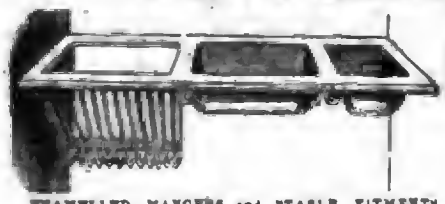
COTTAM & HALLEN, 2, WINSLEY-STREET, OXFORD-STREET, LONDON.



ENAMELLED MANGERS and STABLE FITMENTS. Replaced Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any substance by enamel, are some of the improvements of these fitments.

THE ROYAL EXHIBITION PRIZE MEDAL WAS AWARDED TO

COTTAM AND HALLEN,

FOR

ORNAMENTAL IRON GATES;

ALSO FOR THEIR REGISTERED

ENAMELLED MANGERS.

ORNAMENTAL WROUGHT AND CAST IRON WORK OF EVERY DESCRIPTION—STAIRCASES, RAILINGS, &c.

ESTIMATES UPON APPLICATION.

A QUANTITY OF

TEE AND OBTUSE-ANGLE FLAT AND ROUND IRON,

suitable for

ROOFING AND OTHER PURPOSES,

at 7l. 10s. per ton.

Mitre quality. Sections, &c. per post.

A QUANTITY OF

CAST IRON RAILING BARS,

at 6s. 6d. per cwt.

PARTICULARS BY POST.

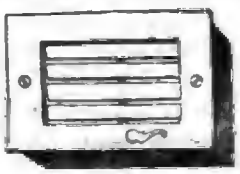
CHIMNEYS.

THE AERONOMIC SYSTEM of VENTILATION upon natural principles, tested by fifty years of practical experience, is now applied, without machinery, to Chimneys, Stove-grates, fire-places, &c. Upwards of 2,000 Terminals for Smoke and Ventilation made to the accompanying pattern and on the above principles have been successfully applied by architects of the highest eminence.

They are ornamental, cheaply fixed, durable, and easily swept. The size for 14 inches by 9 inches due, price 20s. Flues not requiring the convert and coping covers, 20s.—Apply at the Office of the Aeronomic Association, Upper Parent street, Bryanstone-square. Ample directions for fixing, and every one may adopt this admirable invention without sending for a chimney-doctor. See the Aeronomic Report.

A. VARNHAM, 41, BEDFORD-STREET, STRAND.

REGISTERED VENETIAN VENTILATOR,



ALSO,

DR. ARNOTT'S VENTILATING CHIMNEY VALVES, at the following reduced prices:—

No. 1. Plain Valve	2s. 6d.
No. 2. Bronzed and enamelled	4s. 6d.
No. 3. Bronzed and leathered, with trellis-work	6s. 6d.
No. 4. White and gold lines, with trellis-work	8s. 6d.

PATENT SPINDLED CHINA MORTISE FURNITURE.

White	1s. 9d.	per set.
Black	2s. 1d.	"
White and gold	2s. 6d.	"

J. H. DOBBYER and Co., Ironmongery, Brass Foundry, Nail and Tool Warehouse, 14, Shankpe-street, Clare-market, London. Established nearly 200 years for the sale of goods from the best manufacturers at the lowest prices.

VENTILATION—PURE AIR.

Sheringham's Ventilator, for the admission of pure air through an

EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 8s. 6d. These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 198, Blackfriars-road, and 117, Union-street, Borough; and of all respectable ironmongers, builders, &c.

LOSH, WILSON, and BELL,

NEWCASTLE-ON-TYNE,

Manufacturers of Bar Iron, Railway Bars, Forge and Engine Work, Cast-iron Goods, and

STEWART'S PATENT CAST-IRON GUM and WATER PIPES. Office, No. 7, Size-lane, London.

By her Majesty's Royal Letters Patent.

PITT'S PATENT SELF-ADJUSTING DOOR KNOBS AND LOOSE SPINDLES.

HART and SON beg to invite the attention of Architects, Builders, and others, to their Door Furniture, mounted for PITT'S PATENTED SPINDLES. The knobs are stronger, more durable, and more elegant in form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust themselves to doors of different thicknesses, without alteration, are particularly adapted for the country or for exportation. They are made to suit every style of decoration, in China, crystal, amber and opal glass, buffalo, horn, ivory, ebony, brass, &c. or mounted with finger plates, bell-pulls, levers, &c.—May be obtained of all Ironmongers; or of the Proprietors and Manufacturers, HART and SON, Wholesale and Manufacturing Ironmongers, 33, 34, and 35, Wych-street, Strand, London.

GEORGE HART, 253, STRAND,

Near Temple Bar,

PROPRIETOR AND MANUFACTURER

of

PITT'S PATENT SELF-ADJUSTING SPINDLED DOOR FURNITURE

GEORGE HART has improved the quality and reduced the price. List may be had on application.

White China	2s. 6d.	per set.
Brass ditto	2s. 0d.	"

Subject to the usual discount.

Post-office orders payable at 253, Strand, to GEORGE HART, Proprietor and Manufacturer.

HARTS, 253, STRAND.

NEW HOUSES OF PARLIAMENT.—

DEFRIE'S GAS STOVES, RANGES, and BATHS, just completed for two kitchens in the above building.—A great variety in stock upon the same principle. Gas Baths from 7s. by which a warm bath may be obtained for three-halfpence. Gas Cooking and Heating Stoves for all classes, from 1l. Defrie's celebrated Dry Gas Meters, 40,000 in use. Testimonials at the office, 145 Regent-street. Manufactories removed from Hampstead-road and St. Martin's-lane to more extensive premises, New road, near Albany-street.

BUILDERS, Contractors, Carpenters, and others

are invited to inspect the stock of

NAILS, TOOLS, BRASS, AND GENERAL IRONMONGERY

at PFEIL and STEDALL,

Nos. 2 and 4, BROAD STREET, BLOOMSBURY.

The prices will be found the lowest, and the stock one of the largest in the trade. A price list sent on application.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co.

St. Ann's Wharf, Earl-street, City, near Blackfriars bridge, keep a large stock of Rain Pipes, Heads, Shoes, Elbows, &c. half round and O. G. Gutters, Socket Pipes for Water or Gas, Flange Pipes, Hot Water Pipes and connections, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

RAIN-WATER PIPES, O G and Half-round

Gutters, Sash Weights, Railing Bars, Air Bricks, &c.

J. JONES has the largest stock in London of the above and other castings, of the very best quality. Also, cast-iron pipes for gas, water, or drainage; bends, tees, &c.; flange and box water pipes, with all the usual connections; lamp-posts and retorts, stable fittings, pig-troughs, &c. &c.—J. JONES, IRON BRIDGE WHARF, No. 6, BANKSIDE, LONDON, near the Southwark Iron Bridge.

NAILS and IRONMONGERY,

from BIRMINGHAM direct.

Builders, Contractors, and Others, supplied with Nails, Iron, and Ironmongery of every description, at the

LOWEST WHOLESALE PRICES

a complete LIST of which will be forwarded upon application.

FREDERICK BLYTH,

Nail Manufacturer and General Factor,

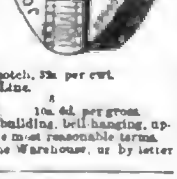
Regent-parade, BIRMINGHAM;

or 36 16, Oranham street, LONDON.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.



Elliptic Stoves, double backs, 22s. per inch, and upwards.

Register Stoves, 4½d. 5d. 6d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

3 ft., 2l. 10s.; 3 ft. 6 in., 2l. 5s.; 4 ft., 2l. 12s.

3-foot Cottage Ranges, with ovens and back boilers, 32s. each.

3-foot self-acting ditto, ditto, 34s. each.

Air Bricks, 2s. 3d. per doz.

Best Town Glue, 38s. Ditto, Scotch, 32s. per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross

And every material required in the building, bell-hanging, upholstery, and brass-foundry trades on the most reasonable terms.

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 139, Shoreditch.

Improved Self-acting Cottage Ranges, with Large Oven and Boiler	20s.	22s.	24s.	26 inch
Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars	24s.	26s.	28s.	42 inch
Strong Elliptic Stoves, with Extra Bars and Solid Bars, per inch, 3d.	24s.	26s.	28s.	42s.

Register Stoves, with Solid Bars, per inch, 3d. Best Solar ditto with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Fires, 20s. to 100s. each.

Cast Rain water Pipe	3 inch. 8d.	3½ inch. 10d.	4 inch. 1s. per yard.

Cast Gutters—4 inch, 8d. per yard.

O. G. Gutters	4 inch. 11d.	5 inch. 1s. per yard.	6½ inch.

In consequence of the advance of Iron, a new List of Nails is preparing.

	2	3	4	5	6	
Patent Line	4½d.	5d.	7d.	9d.	1s.	per knot.

6 inch 3-Bolt 8d. Ward Mortise, with best Furniture and Patent Spindles, 2s. each. Light Elliptic and Register Metal, 12s. per cwt.

Dr. Arnott's Ventilators, 4s. 6d. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Glass Paper.

COLLINGE'S PATENT HINGES.—Sole

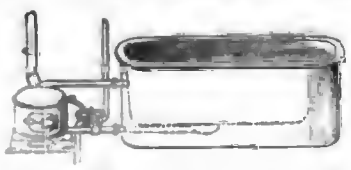
Manufacturers, CHARLES COLLINGE and CO., 64 and 65, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gates and doors of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for drawing-rooms, &c.; doors fitted with these may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Fence and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent sale-trees, sugar-mills, &c.

AUSTIN'S IMPERIAL

PATENT SASH and BLIND LINE,

can be obtained of all

ROPEMAKERS, IRONMONGERS, FACTORS AND WHOLESALE HOUSES IN TOWN OR COUNTRY.



BATHS.—J. TYLOR and SON'S

REGISTERED APPARATUS, consisting of Copper or Galvanized Iron Bath (japanned in imitation of woods or marbles) fixed in Frame complete, with Copper Circulating Boiler and Cock with Index-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 3d. for fuel. Price 14 guineas.—Apply to the Ironmongers and Plumbers, or the Manufacturers, J. TYLOR and SON, Warwick-lane, London.

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-

PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, constantly on sale, at very cheap prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

BURGLARY PREVENTED for HALF A

CROWN.—BIDDELL'S THIEF DETECTORS, having prevented several daring attempts of robbery, are highly recommended by the magistrates; they give a regulated alarm, and the door or window will secure to entrance. No one who values life or property should be without them. The size of a mouse with the strength of an elephant; to judge of their merits see their effect.—Price 1s. 6d.; 2s. and 3s. each, and box alarums, 6d.—To be had of all Ironmongers, &c. throughout the kingdom, and of the Patentee, 23, Great Sutton-street, Clerkenwell.—Fire iron and figure casters, and general founders and manufacturers in all metals.

FOWLER'S IMPROVED FARM and

COTTAGE PUMPS.

To be had of any Ironmonger or Plumber, 1l. 12s.

The usual allowance to the trade.

PUMPS of SUPERIOR CONSTRUCTION bored perfectly true by improved machinery, in various plain and ornamental patterns, for squares and market places, roads, conservatories, liquid manure, ship, barge, brickmakers, contractors, gold diggers, brewers, chemical works, and in wrought and cast iron, copper and brass, for hot or cold liquors, &c. &c. Large barrel and hydraulic lift-pumps, with handles on planks; and engines of various powers, for wells of any depth.

PUMPS on HIRE!—The largest stock in England of single and double pumps, from 4 in. to double 12½ barrels, prepared for hand or steam power, ready for use on reasonable terms at

BENJ. FOWLER'S, Hydraulic Engineer, Hot-water, Steam and Gas Apparatus Manufacturer, New Factory, Whitefriars-street, Fleet-street.

FARM AND COTTAGE PUMPS.

WARNER'S PATENT CAST-IRON PUMPS

for the use of FARMS, COTTAGES, MANURE TANKS, AND SHALLOW WELLS.

Patent Pump	£1	18 0
Patent Pump, with 11 feet of lead pipe attached, and bolts and nuts ready for fixing	2	10 0

Larger sizes if required.

To emigrants proceeding to the Gold Regions they will prove to be the most simple, durable, and cheapest pump hitherto introduced.

May be obtained of any Ironmonger or Plumber in town or country, or of the Patentees and Manufacturers,

JOHN WARNER AND SONS,

8, CRESCENT, JEWIN-STREET, LONDON.

Every description of Machinery for raising Water, Fire Engines, &c.

The usual allowance to the Trade.

CHURCH and TURRET BELLS.

EXHIBITION PRIZE MEDAL granted to

J. WARNER AND SONS,

BELL FOUNDERS AND ENGINEERS,

who are prepared to contract for the supply of

CHURCH BELLS

of any weight or key, singly or in peals, of superior tone. Peals augmented, cracked bells recast, rehung, &c.

MUSICAL HAND BELLS,

Clock, House, Ship, Cattle, and every other description of Bells kept in stock.

Old Bells taken in exchange